

MAY 04 2001

Form PTO-1449 (modified)
 List of Patents and Publications

ATTY. DKT. NO. 5119-00523

SERIAL NO. 09/775,342

APPLICANT: McDevitt et al.

GROUP: Unknown

Applicant's Information

Disclosure Statement

(Use several sheets if necessary)

FILING DATE: January 31, 2001

U.S. PATENT DOCUMENTS

EXAM.	REF.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
DES.							
PDM	A1	3,696,932	10/1972	Rosenberg			
	A2	3,701,433	10/1972	Krakauer et al.			
	A3	3,954,623	5/1976	Hammer et al.			
	A4	4,036,946	7/1977	Kleinerman			
	A5	4,050,898	9/1977	Goffe, deceased et al.			
	A6	4,069,017	1/1978	Wu et al.			
	A7	4,115,277	9/1978	Swank			
	A8	4,189,382	2/1980	Zine, Jr.			
	A9	4,200,613	4/1980	Alfrey et al.			
	A10	4,246,107	1/1981	Takenaka et al.			
	A11	4,344,743	8/1982	Bessman et al.			
	A12	4,477,575	10/1984	Vogel et al.			
	A13	4,596,657	6/1986	Wisdom			
	A14	4,623,461	11/1986	Hossom et al.			
	A15	4,661,445	4/1987	Saxinger et al.			
	A16	4,672,028	6/1987	Olson			
	A17	4,753,776	6/1988	Hillman et al.			
	A18	4,810,378	3/1989	Carmen et al.			
	A19	4,828,386	5/1989	Matkovich et al.			
	A20	4,855,225	8/1989	Fung et al.			
	A21	4,908,112	3/1990	Pace			
	A22	4,938,742	7/1990	Smits			
	A23	4,997,577	3/1991	Stewart			
	A24	5,053,197	10/1991	Bowen			
	A25	5,143,853	9/1992	Walt			
	A26	5,147,606	9/1992	Charlton et al.			
	A27	5,162,863	11/1992	Ito			
PDM	A28	5,182,366	1/1993	Huebner et al.			

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)	ATTY. DKT. NO. 5119-00523 APPLICANT: McDevitt et al. FILING DATE: January 31, 2001	SERIAL NO. 09/775,342 GROUP: Unknown
---	--	---

U.S. PATENT DOCUMENTS

EXAM. DES.	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A29	5,188,934	2/1993	Menchen et al.			
	A30	5,209,904	5/1993	Forney et al.			
	A31	5,211,850	5/1993	Shettigar et al.			
	A32	5,219,763	6/1993	Van Hoegaerden			
	A33	5,235,028	8/1993	Barany et al.			
	A34	5,244,636	9/1993	Walt et al.			
	A35	5,244,813	9/1993	Walt et al.			
	A36	5,250,264	10/1993	Walt et al.			
	A37	5,252,494	10/1993	Walt et al.			
	A38	5,278,303	4/1994	Krepinsky et al.			
	A39	5,288,214	2/1994	Fukuda et al.			
	A40	5,307,144	4/1994	Hiroshi et al.			
	A41	5,366,860	11/1994	Bergot et al.			
	A42	5,374,530	12/1994	Nuzzolo et al.			
	A43	5,382,512	1/1995	Smethers et al.			
	A44	5,405,784	4/1995	Van Hoegaerden			
	A45	5,480,723	4/1996	Klainer et al.			
	A46	5,499,909	4/1996	Yamada et al.			
	A47	5,503,985	4/1996	Cathey et al.			
	A48	5,512,490	4/1996	Walt et al.			
	A49	5,518,887	5/1996	Parsons et al.			
	A50	5,567,627	10/1996	Lehnen			
	A51	5,611,676	3/1997	Ooumi et al.			
	A52	5,616,698	4/1997	Krepinsky et al.			
	A53	5,632,876	5/1997	Zanzucchi et al.			
	A54	5,654,497	8/1997	Hoffheins et al.			
	A55	5,677,196	10/1997	Herron et al.			
	A56	5,698,089	12/1997	Lewis et al.			
RTD	A57	5,700,897	12/1997	Klainer et al.			

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Form PTO-1449 (modified)
List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

ATTY. DKT. NO. 5119-00523

SERIAL NO. 09/775,342

APPLICANT: McDevitt et al.

GROUP: Unknown

FILING DATE: January 31, 2001

U.S. PATENT DOCUMENTS

EXAM.	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
PTD MAY 10 4 2001 PATENT & TRADEMARK OFFICE	A58	5,705,018	1/1998	Hartley			
	A59	5,707,502	1/1998	McCaffrey et al.			
	A60	5,755,942	5/1998	Zanzucchi et al.			
	A61	5,759,015	6/1998	Van Lintel et al.			
	A62	5,797,898	8/1998	Santini, Jr. et al.			
	A63	5,814,524	9/1998	Walt et al.			
	A64	5,827,748	10/1998	Golden			
	A65	5,834,318	11/1998	Buettner			
	A66	5,840,256	11/1998	Demers et al.			
	A67	5,843,655	12/1998	McGall			
	A68	5,846,396	12/1998	Zanzucchi et al.			
	A69	5,858,804	1/1999	Zanzucchi et al.			
	A70	5,866,430	2/1999	Grow			
	A71	5,876,605	3/1999	Kitajima et al.			
	A72	5,914,042	6/1999	Ball et al.			
	A73	5,922,617	7/1999	Wang et al.			
	A74	5,965,695	10/1999	Simon et al.			
A75	6,023,540	2/2000	Walt et al.				
A76	6,037,137	3/2000	Komoriya et al.				
1	A77	6,048,732	4/2000	Anslyn et al.			
PTD							

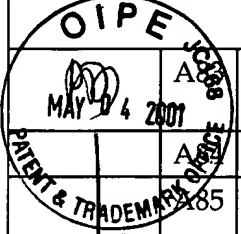

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
PTD PT	A78	97/35189	9/25/97	WO			
	A79	98/40726	9/17/98	WO			
	A80	98/53300	11/26/98	WO			
	A81	99/17139	4/8/99	WO			
	A82	99/18434	4/15/99	WO			

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Form PTO-1449 (modified) List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)		ATTY. DKT. NO. 5119-00523 APPLICANT: McDevitt et al. FILING DATE: January 31, 2001	SERIAL NO. 09/775,342 GROUP: Unknown
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
		Stanley, "UT scientists engineer a tiny arbiter of taste," Austin American Statesman, July 26, 1998.	
		"Bio-sensors respond with colored light," Science News, Vol. 152, November 15, 1997, p. 317.	
		Ricco et al, "Surface Acoustic Wave Chemical Sensor Arrays: New Chemically Sensitive Interfaces Combined with Novel Cluster Analysis to Detect Volatile Organic Compounds and Mixtures," Accounts of Chemical Research, Vol. 31, No. 5, 1998, pp. 289-296.	
		A86 Grate et al., "Hydrogen Bond Acidic Polymers for Surface Acoustic Wave Vapor Sensors and Arrays," Analytical Chemistry, Vol. 71, No. 5, March 1, 1999, pp. 1033-1040.	
		A87 Johnson et al., "Identification of Multiple Analytes Using an Optical Sensor Array and Pattern Recognition Neural Networks," Analytical Chemistry, Vol. 69, No. 22, November 15, 1997, pp. 4641-4648.	
		A88 Healey et al., "Fast Temporal Response Fiber-Optic Chemical Sensors Based on the Photodeposition of Micrometer-Scale Polymer Arrays," Analytical Chemistry, Vol. 69, No. 11, June 1, 1997, pp. 2213-2216.	
		A89 White et al., "Rapid Analyte Recognition in a Device Based on Optical Sensors and the Olfactory System," Analytical Chemistry, Vol. 68, No. 13, July 1, 1996, pp. 2191-2202.	
		A90 Potyrailo et al., "Optical Time-of-Flight Chemical Detection: Absorption-Modulated Fluorescence for Spatially Resolved Analyte Mapping in a Bidirectional Distributed Fiber-Optic Sensor," Analytical Chemistry, Vol. 70, No. 16, August 15, 1998, pp. 3407-3412.	
		A91 Holtz et al., "Intelligent Polymerized Crystalline Colloidal Arrays: Novel Chemical Sensor Materials," Analytical Chemistry, Vol. 70, No. 4, February 15, 1998, pp. 780-791.	
		A92 Lavigne et al., "Solution-Based Analysis of Multiple Analytes by a Sensor Array: Toward the Development of an Electronic Tongue," J. Am. Chem. Soc., Vol. 120, No. 25, July 1, 1998, pp. 6429-6430.	
		A93 Han et al., "Fabrication and characterization of a Fabry-Perot based chemical sensor," Microelectronics Research Center and Department of Electrical and Computer Engineering, February 7, 1997.	
		A94 Han et al, "Deflection behavior of Fabry-Perot pressure sensors having planar and corrugated diaphragms," Microelectronics Research Center and Department of Electrical and Computer Engineering, February 4, 1997.	
		A95 Patent Abstracts of Japan, Publication No. 10332593, Publication Date December 18, 1998.	
		A96 International Search Report, Application No. PCT/US99/16162, mailed November 26, 1999.	

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Form PTO-1449 (modified)
List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

ATTY. DKT. NO. 5119-00523

SERIAL NO. 09/775,342

APPLICANT: McDevitt et al.

GROUP: 1645

FILING DATE: January 31, 2002

U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
PTD	D1	3,709,868	1/1973	Spector			
	D2	3,843,696	10/1974	Wagner, et al			
	D3	3,856,469	12/1974	Schneider, et al			
	D4	3,876,504	4/1975	Koffler			
	D5	3,964,974	6/1976	Banauch, et al			
	D6	4,245,041	1/1981	Denney			
	D7	4,294,817	10/1981	Burgett			
	D8	4,378,429	3/1983	Modrovich			
	D9	4,567,149	1/1986	Sell, et al			
	D10	4,683,195	7/1987	Mullis, et al			
	D11	4,683,202	7/1987	Mullis			
	D12	4,795,698	1/1989	Owen, et al			
	D13	4,813,277	3/1989	Miller, et al			
	D14	4,925,800	5/1990	Kovacs			
	D15	4,965,188	10/1990	Mullis, et al			
	D16	5,071,076	12/1991	Chagnon, et al			
	D17	5,108,933	4/1992	Liberti, et al			
	D18	5,130,238	7/1992	Malek, et al			
	D19	5,156,810	10/1992	Ribi			
	D20	5,168,044	12/1992	Joyce, et al			
	D21	5,235,028	8/1993	Barany, et al			
	D22	5,252,294	10/1993	Kroy et al			
	D23	5,491,097	2/1996	Ribi et al			
	D24	5,563,042	10/1996	Phillips, et al			
	D25	5,631,130	5/1997	Leckie, et al			
	D26	5,788,814	8/1998	Sun et al			
MD	D27	5,827,748	10/1998	Golden			

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Information Disclosure Statement--PTO 1449 (modified)

Form PTO-1449 (modified)

List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

ATTY. DKT. NO. 5119-00523

APR 22 2002

APPLICANT: McDevitt et al.

SERIAL NO. 09/775,342

GROUP: 1645

FILING DATE: January 31, 2001

U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
PTD	D28	5,846,708	12/1998	Hollis et al			
	D29	5,854,141	12/1998	Cronin et al			
	D30	5,856,174	1/1999	Lipshutz et al			
	D31	5,869,241	2/1999	Edwards, et al			
	D32	5,872,170	2/1999	Mine et al			
	D33	5,891,656	4/1999	Zarling et al			
	D34	5,965,590	10/1999	Rossignol			
	D35	5,981,297	11/1999	Baselt			
	D36	5,992,820	11/1999	Fare et al			
	D37	6,008,031	12/1999	Modrich, et al			
	D38	6,013,440	1/2000	Lipshutz, et al			
	D39	6,045,579	4/2000	Hochshuler, et al			
	D40	6,063,581	5/2000	Sundrehagen			
	D41	6,083,763	7/2000	Balch			
	D42	6,151,973	11/2000	Geysen, et al			
PTD	D43	6,331,441	12/2001	Balch et al			

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
PTD	D44	00/04372	1/2000	WO			
	D45	90/01069	2/1990	WO			
	D46	92/0880	1/1992	WO			
PTD	D47	439,182	4/96	EP			

EXAMINER: *jenm*DATE CONSIDERED: *2/7/03*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Form PTO-1449 (modified)
List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

ATTY. DKT. NO. 5119-00523

SERIAL NO. 09/75,342

APPLICANT: McDevitt et al

GROUP: 1645

FILING DATE: January 31, 2001

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PND	D48	Adler, M; Nicholson, J.D.; Hackley, B.E., Jr. "Efficacy of a novel metalloprotease inhibitor on botulinum neurotoxin B activity" FEBS Lett., 1998, 429, 234-238.
	D49	James, T.D.; Samandumara, K.R.A.; Iguchi, R.; Shinkai, S.J. Am. Chem. Soc. 1995, 117, 8982.
	D50	Murukami, H.; Nagasaki, T.; Hamachi, I.; Shinkai, S. Tetrahedron Lett., 34, 6273.
	D51	Shinkai, S.; Tsukagohsi, K.; Ishikawa, Y.; Kunitake, T.J. Chem. Soc. Chem. Commun. 1991, 1039.
	D52	Kondo, K.; Shiomi, Y.; Saisho, M.; Harada, T.; Shinkai, S. Tetrahedron. 1992, 48, 8239.
	D53	Shiomi, Y.; Saisho, M.; Tsukagoshi, K.; Shinkai, S.J. Chem. Soc. Perkin Trans I 1993, 2111.
	D54	Deng, G.; James, T.D.; Shinkai, S.J. Am. Chem. Soc. 1994, 116, 4567.
	D55	James, T.D.; Harada, T.; Shinkai, S.J. Chem. Soc. Chem. Commun. 1993, 857.
	D56	James T. D.; Murata, K.; Harada, T.; Ueda, K.; Shinkai, S. Chem. Lett. 1994, 273.
	D57	Ludwig, R.; Harada, T.; Ueda, K.; James, T.D.; Shinkai, S.J. Chem. Soc. Perkin Trans 2. 1994, 4, 497.
	D58	Sandanayake, K.R.A.S.; Shinkai, S.J. Chem. Soc., Chem. Commun. 1994, 1083.
	D59	Nagasaki, T.; Shinmori, H.; Shinkai, S. Tetrahedron Lett. 1994, 2201.
	D60	Murakami, H.; Nagasaki, T.; Hamachi, I.; Shinkai, S. J. Chem. Soc. Perkin Trans 2. 1994, 975.
	D61	Nakashima, K.; Shinkai, S. Chem. Lett. 1994, 1267.
	D62	Sandanayake, K.R.A.S.; Nakashima, K.; Shinkai, S.J. Chem. Soc. 1994, 1621.
	D63	James, T.D.; Sandanayake, K.R.A.S.; Shinkai, S.J. Chem. Soc., Chem. Commun. 1994, 477.
	D64	James T.D.; Sandanayake, K.R.A.S.; Angew. Chem., Int. Ed. Eng. 1994, 33, 2207.
	D65	James T.D.; Sandanayake, K.R.A.S.; Shinkai, S. Nature, 1995, 374, 345.
	D66	Förster, Th. "Transfer Mechanisms of Electronic Excitation; Discuss. Faraday Soc., 1959, 27, 7.
	D67	Khanna, P.L., Ullman, E.F. "4', 5' - Dimethoxyl-6-carboxyfluorescein; A novel dipole-dipole coupled fluorescence energy transfer acceptor useful for fluorescence immunoassays", Anal. Biochem. 1980, 108, 156.
	D68	Morrison, L.E. "Time resolved Detection of Energy Transfer: Theory and Application to Immunoassays", Anal. Biochem. 1998, 174, 101.
	D69	Schmidt, J.J.; Stafford, R.G.; Bostian, K.A.; "Type A botulinum neurotoxin proteolytic activity: development of competitive inhibitors and implications for substrate specificity at the S ₁ ' binding subsite", FEBS Lett., 1998, 435, 61-64.
	D70	Shone, C.C.; Roberts, A.K., "Peptide substrate specificity and properties of the zinc endopeptidase activity of botulinum type B neurotoxin", Eur. J. Biochem., 1994, 225, 263-270.
	D71	Soleihac, J.-M.; Cornille, F.; Martin, L.; Lenoir, C.; Fournie-Zaluski, M.-C.; Roques, B.P. "A sensitive and rapid fluorescence-based assay for determination of tetanus toxin peptidase activity: Anal. Biochem., 1996, 241, 120-127.
	D72	Stimpson, D.I.; Haijer, J.V.; Hsieh, W.; Jou, C.; Gardon, J.; Theriault, T.; Gamble, R.; Baldeschwieler, J.D.; Proc. Natl. Acad. Sci. USA 1995, 92, 6379.
PND	D73	Niikura, K.; Metzger, A.; Anslyn, E.V., "A Sensing Ensemble with Selectivity for Iositol Triphosphate", J. Am. Chem. Soc., 1998, 120, 0000.

RECEIVED

TECH. CENTER 1600/2900

APR 23 2002

217/03

Form PTO-1449 (modified)

List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

ATTY. DKT. NO. 5119-00523

SERIAL NO. 09/775,342

APPLICANT: McDevitt et al

GROUP: 1645

FILING DATE: January 31, 2001

PTD	D74	Kaiser, E.; Colescott, R.L.; Bossinger, C.D.; Cook, P.I.; "Colorimetric Assay for Detection of Free Terminal Amino Groups in the Solid-Phase Synthesis of Peptides", Anal. Biochem., 1970, 34, 595-598.
	D75	Hamasaki, K.; Ikeda, H.; Nakamura, A.; Ueno, A.; Toda, F.; Suzuki, I.; Osa, T. "Fluorescent Sensors of Molecular Recognition. Modified Cyclodextrins Capable of Exhibiting Guest-Responsive Twisted Intramolecular Charge Transfer Fluorescence", J. Am. Chem. Soc., 1993, 115, 5035. And reference 5 therein.
	D76	Youil R; Kemper, B; Cotton, RGH, "Detection of 81 of 81 Known Mouse Beta-Globin Promoter Mutations with T4 Endonuclease-VII-The EMC Method", Genomics, 1996, 32, 431-5.
	D77	Pabo and Sauer, 1992, Annu. Rev. Biochem, 61, 1053-1095.
	D78	Harrison, 1991, Nature, (London) 353, 715-719.
	D79	Klug, 1993, Gene, 135- 83-92.
	D80	Hsu, I.C.; Yang, Q.P.; Kahng, M.W.; Xu, J.F.; "Detection of DNA Point Mutations with DNA Mismatch Repaire Enzymes", Carcinogenesis, 1994, 15, 1657-1662.
	D81	Saiki, et al., 1985, Science, 230, 1350-1354.
	D82	Mullis, et al., 1986 Cold Springs Harbor Symp. Quant. Biol., 51, 263-273.
	D83	Mullis and Faloona, 1987, Methods Enzymol., 155, 335-350.
	D84	Barany, 1991, PCR Methods and Applications 1:5-16.
	D85	Wu and Wallace, 1989, Genomics, 4:560-569.
	D86	Barany, 1991, Proc. Natl. Acad. Sci. USA, 88:189-193.
	D87	Kwoh, et al., 1989, Proc. Natl. Acad. Sci., USA, 86:1173-1177.
	D88	Guatelli, et al. 1990, Proc. Natl. Acad. Sci., USA, 87:1874-1878.
PTD	D89	Goldrick, M.M.; Kimball, G.R.; Liu, Q.; Martin, L.A.; Sommer, S.S.; Tseng, J.Y.H.; "Nirca™-A Rapid Robust Method for Screening for Unknown Point Mutations", Biotechniques, 1996, 21, 106-112.

RECEIVED

APR 23 2002

TECH CENTER 1600/2900

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.